

Electronic Acknowledgement Receipt

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| EFS ID: | 5586942 |
| Application Number: | 10519699 |
| International Application Number: | |
| Confirmation Number: | 6928 |
| Title of Invention: | Ion implantation device and a method of semiconductor manufacturing by the implantation of boron hydride cluster ions |
| First Named Inventor/Applicant Name: | Thomas N. Horsky |
| Customer Number: | 27160 |
| Filer: | John S. Paniaguas/Anna Franz |
| Filer Authorized By: | John S. Paniaguas |
| Attorney Docket Number: | 211843-00032 |
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| Application Type: | U.S. National Stage under 35 USC 371 |

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| Submitted with Payment | no |
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File Listing:

| Document Number | Document Description | File Name | File Size(Bytes)/Message Digest | Multi Part/.zip | Pages (if appl.) |
|-----------------|--|-----------|--|-----------------|------------------|
| 1 | Information Disclosure Statement (IDS) Filed (SB/08) | IDS.PDF | 146724 33c2906c2f3ff4807b0d9cb6a2fb48ca841ac57e | no | 3 |

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| 2 | Information Disclosure Statement (IDS) Filed (SB/08) | Form1449.PDF | 80836 e1968500e0bae0bdf3b99966e82a467b2c9 9686f | no | 1 |
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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

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